

Claims

1. An access control device comprising means for receiving
5 an input password, means for combining the input password
with a pre-selected code thereby to produce a combined
password, and means for decrypting encrypted code using the
combined password.
- 10 2. An access control device according to claim 1, in which
the apparatus further comprises means for encrypting the
combined password and the encrypted combined password is
used for decryption.
- 15 3. A method of controlling access, which method comprises
the steps of receiving an input password, combining the
input password with a predetermined code to produce a
combined password, and decrypting encrypted code using the
combined password.
- 20 4. A method of controlling access according to claim 3, in
which the combined password is encrypted and the encrypted
combined password is used for decrypting encrypted code.
- 25 5. A method of controlling access according to claim 3 or
claim 4, in which the encrypted combined password is a key
for decryption of the encrypted code.
- 30 6. A method of controlling access according to any one of
claims 3 to 5, in which the password is an alphanumeric
string.

7. A method of controlling access according to claim 6, in which the code is an alphanumeric string.
8. A method of controlling access according to any
5 preceding claim, in which the pre-stored access password comprises a pre-selected password combined with the predetermined code, which combination is encrypted.
9. A method of controlling access according to claim 8, in
10 which the combined pre-selected password is encrypted according to the encryption algorithm used for the combined password.
10. A method of controlling access according to claim 9, in
15 which the encryption is substantially unreversible (asymmetric).
11. A method of controlling access according to claim 10,
20 in which the encryption algorithm will be a public key algorithm.
12. A computer program for carrying out the method of any one of claims 3 to 11.
- 25 13. A carrier comprising a computer program according to claim 12.

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